

## Design Build Goals and Objectives

*"The Owner has considered conventional and alternative project delivery methods for the Buckman Direct Diversion. This consideration included listing and evaluating project delivery objectives, which are listed below in no order of priority:*

- 1. Save on overall costs*
- 2. Know costs early in the process*
- 3. Minimize risk of additional project costs at the time of contracting for the construction of the facility.*
- 4. Shift risk of performance and costs from the Owner to its Contractors*
- 5. Obtain expertise and labor capacity to manage the project delivery through its Contractors*
- 6. Provide for a single point of contact for the Owner for delivery of the project*
- 7. Obtain a high quality project that reliably meets performance requirements*
- 8. Minimize claims, change orders, and the risk of disputes and litigation in the delivery of the project*
- 9. Establish a firm delivery schedule early*
- 10. Maintain that firm delivery schedule*
- 11. Reliably produce treated water for the Sangre de Cristo water system customers in the shortest practicable period of time*
- 12. Provide for innovation and creativity during design*

*The Owner determined that use of alternative project delivery methods might best meet these objectives."*

The section titled **Owner's Objectives For The Alternative Project Delivery of The Buckman Direct Diversion**, on Page 18 of the RFP, further details project delivery drivers as:

*"The Owner has further developed its Project objectives to include the following:*

- 1. Provide for innovation in design and construction.*
- 2. Provide for efficiency and speed in the delivery of the Project and associated cost savings.*
- 3. Provide for a high degree of certainty of the City of Santa Fe's maximum project costs and of the Project delivery schedule culminating in timely, reliable operations and satisfactory performance of the Project.*
- 4. Provide for the timely delivery and the initial acceptable and reliable operation of the Project to help supply the water needs of the Owner's customers no later than Spring 2008, and earlier if practical.*
- 5. Minimize and efficiently manage claims, change orders, and the risk of disputes and litigation in the delivery of the Project.*
- 6. Meet Project water quality performance criteria including the aesthetic quality (taste and odor) requirements that may be the determining factors in the selection and sizing of unit treatment processes, which will affect the capital costs of design and construction.*
- 7. Reduce, to the minimum extent practical, the increased professional, operations, and legal workload needed to be performed by the Owner's professional staff, operations managers and staff, and legal counsel, to manage the delivery of the Project.*
- 8. Optimize the features and cost of the Project design and assure high quality of the constructed public water utility facilities and equipment comprising the project in order to:*
  - a. Reasonably minimize the following operations requirements: energy for operations, numbers of Project operations and maintenance staff, supplies and chemicals, and equipment replacement and refurbishment requirements and costs, and,*
  - b. Assure that the Project upon completion will produce and convey high quality and aesthetically acceptable drinking water with virtually perfect system reliability and with a specified margin of safety between the quality of the water produced by the facilities and all applicable water quality regulatory standards and requirements.*
- 9. Assure the delivery of the Project and provide for the Owner's continued reliable water utility operations in compliance with all regulatory requirements throughout the delivery of the Project. Minimize service interruptions and disruption of operations of the Owner's existing water utility system throughout the delivery of the Project, including the interconnection of Project facilities with the existing water utility infrastructure and the ultimate conveyance of responsibility for the management and operations of Project facilities to the City of Santa Fe.*
- 10. Implement new Owner's staff positions to manage, operate, and maintain the Project in a phased manner."*